



OAQ SOURCE SPECIFIC OPERATING AGREEMENT

OA-13: External Combustion Sources

(326 IAC 2-9-13)

State Form 53450 (9-07)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



IDEM – Office of Air Quality – Permits Branch

100 N. Senate Avenue, MC 61-53, Room 1003

Indianapolis, IN 46204-2251

Telephone: (317) 233-0178 or

Toll Free: 1-800-451-6027 x30178 (within Indiana)

Faximile Number: (317) 232-6749

www.in.gov/idem/permits/air/index.html

NOTES:

- The purpose of this form is to identify all of the source specific operating agreement requirements for 326 IAC 2-9-13.
- Detailed **instructions** for this form are available online at www.in.gov/idem/permits/air/apps/instructions/oa13instructions.html.
- Rule specific definitions are listed in 326 IAC 2-9-13(a) for boiler, dryer, oven, process heater, space heater, and water heater.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

Part A: Source Description

Part A identifies the source and describes the nature, design capacity, and typical operating schedule of the source.

1. Source Description:

2. Sourcedesign Capacity

(specify units of measure):

3. Operation Schedule: hours per day days per week weeks per year

Part B: Operating Agreement

Part B certifies that the operation qualifies for the source specific operating agreement.

4. Operating Agreement

- I have reviewed the requirements under 326 IAC 2-9 and have determined that the proposed operation qualifies for a source specific operating agreement (SSOA) under this rule.

Name (typed)

Title

Signature

Date

Part C: Compliance Option

Part C identifies the option that source is choosing for compliance with the requirements of 326 IAC 2-9-13.

Choose only ONE of the following options.

- OPTION 1:** I will comply with the requirements of 326 IAC 2-9-13 by carrying out the following set of requirements for any external combustion source, including any combination of boilers, space heaters, ovens, dryers, or water heaters.

Process Limitation: 326 IAC 2-9-13(b) (1) and (2)(A)

- Visible emissions from the source shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9*.
- Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (f), Table 1 for a single fuel or a combination of two (2) fuels.

Monitoring Requirements: 326 IAC 2-9-13(c)

Sources must be able to demonstrate compliance no later than thirty (30) days after receipt of a written request by the department or U.S. EPA. No other demonstration of compliance shall be required. A source specific operating agreement is not required for these sources.

- OPTION 2:** I will comply with the requirements of 326 IAC 2-9-13 by carrying out the following set of requirements for any external combustion source, including any combination of boilers, space heaters, ovens, dryers, or water heaters.

Process Limitation: 326 IAC 2-9-13(b) (1) and (2)(B)

- Visible emissions from the source shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9*.
- Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (g), Table 2 for a single fuel or a combination of two (2) fuels.

Record Keeping Requirements: 326 IAC 2-9-13(e)

The following records shall be kept at the source:

- (1) Hours operated for each combustion unit.
- (2) Records of annual fuel usage for each combustion unit.
- (3) Routine maintenance records.

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Part D: Fuel Limits

Part D specifies the fuel limits associated with 326 IAC 2-9-13.

TABLE 1 [326 IAC 2-9-13(f)]

| Fuel | Maximum Fuel Usage per Year |
|--|-----------------------------|
| Single Fuel | |
| Natural gas; Maximum capacity: 0.3 to <10 MMBtu/hr | 1,000.0 MMCF |
| Natural gas; Maximum capacity: 10 to 100 MMBtu/hr | 714.0 MMCF |
| Natural gas; Maximum capacity: >100 MMBtu/hr | 181.0 MMCF |
| Fuel oil #1 and #2 (distillate) | 1,408.0 kgals |
| Fuel oil #5 and #6 (distillate) | 181.0 kgals |
| Liquified petroleum gas (LPG) | 5,263.0 MMCF |
| Coal (bituminous and subbituminous) | 786.0 tons |
| Bark-only | 5,882.0 tons |
| Wood-only | 7,352.0 tons |
| Wood and bark | 7,352.0 tons |
| Dual Fuel | |
| Natural gas / Fuel oil #1 and #2 (distillate) | 976.0 MMCF |
| Maximum capacity: 0.3 to <10 MMBtu/hr | 117.0 kgals |
| Natural gas / Fuel oil #1 and #2 (distillate) | 697.0 MMCF |
| Maximum capacity: 10 to 100 MMBtu/hr | 117.0 kgals |
| Natural gas / Fuel oil #1 and #2 (distillate) | 177.0 MMCF |
| Maximum capacity: >100 MMBtu/hr | 117.0 kgals |
| Fuel oil #1 and #2 (distillate) / Natural gas | 1,407.0 kgals |
| Maximum capacity: 0.3 to <10 MMBtu/hr | 83.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Natural gas | 1,407.0 kgals |
| Maximum capacity: 10 to 100 MMBtu/hr | 59.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Natural gas | 1,407.0 kgals |
| Maximum capacity: >100 MMBtu/hr | 15.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Fuel oil #5 and #6 (residual) | 1,291.0 kgals |
| | 15.0 kgals |
| Coal (bituminous and subbituminous) / Bark, wood, or wood and bark | 786.0 tons |
| | 490.0 tons |
| Bark, wood, or wood and bark / Coal (bituminous and subbituminous) | 5,858.0 tons |
| | 65.0 tons |

Part D: Fuel Limits

Part D specifies the fuel limits associated with 326 IAC 2-9-13.

TABLE 2 [326 IAC 2-9-13(g)]

| Fuel | Maximum Fuel Usage per Year |
|--|-----------------------------|
| Single Fuel | |
| Natural gas; Maximum capacity: 0.3 to <10 MMBtu/hr | 1,600.0 MMCF |
| Natural gas; Maximum capacity: 10 to 100 MMBtu/hr | 1,142.0 MMCF |
| Natural gas; Maximum capacity: >100 MMBtu/hr | 290.0 MMCF |
| Fuel oil #1 and #2 (distillate) | 2,253.0 kgals |
| Fuel oil #5 and #6 (distillate) | 291.0 kgals |
| Liquified petroleum gas (LPG) | 8,421.0 MMCF |
| Coal (bituminous and subbituminous) | 1,258.0 tons |
| Bark-only | 9,411.0 tons |
| Wood-only | 11,764.0 tons |
| Wood / bark | 11,764.0 tons |
| Dual Fuel | |
| Natural gas / Fuel oil #1 and #2 (distillate) | 1,562.0 MMCF |
| Maximum capacity: 0.3 to <10 MMBtu/hr | 187.0 kgals |
| Natural gas / Fuel oil #1 and #2 (distillate) | 1,115.0 MMCF |
| Maximum capacity: 10 to 100 MMBtu/hr | 187.0 kgals |
| Natural gas / Fuel oil #1 and #2 (distillate) | 284.0 MMCF |
| Maximum capacity: >100 MMBtu/hr | 187.0 kgals |
| Fuel oil #1 and #2 (distillate) / Natural gas | 2,252.0 kgals |
| Maximum capacity: 0.3 to <10 MMBtu/hr | 133.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Natural gas | 2,252.0 kgals |
| Maximum capacity: 10 to 100 MMBtu/hr | 95.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Natural gas | 2,252.0 kgals |
| Maximum capacity: >100 MMBtu/hr | 24.0 MMCF |
| Fuel oil #1 and #2 (distillate) / Fuel oil #5 and #6 (residual) | 2,065.0 kgals |
| | 24.0 kgals |
| Coal (bituminous and subbituminous) / Bark, wood, or wood and bark | 1,258.0 tons |
| | 784.0 tons |
| Bark, wood, or wood and bark / Coal (bituminous and subbituminous) | 9,373.0 tons |
| | 104.0 tons |